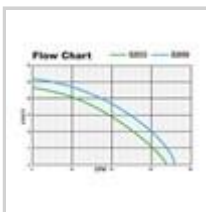




Sump Pumps



S2033-VSC2



S2 Series

- ▶ All cast-iron construction
- ▶ Available pumps:
 - $\frac{1}{3}$ HP and $\frac{1}{2}$ HP
- ▶ Energy-efficient permanent split capacitor (PSC) motor
- ▶ Premium pump construction
 - Cast-iron vortex impeller
 - Upper and lower sealed ball bearings for ultra-quiet operation

- Stainless-steel fasteners for long life
 - Carbon/ceramic seals plus (1) Buna-N-Seal
 - Thermally protected
 - 10' power cord
- ▶ 1½" discharge
 - ▶ Pumps solids up to 1½"
 - ▶ Strainer included
 - ▶ **S2 Series Energy Savings:** Average \$45* per year
 - ▶ 4-year warranty when purchased from and installed by a contractor; otherwise, warranty is 3 years

WHERE TO BUY

COMPATIBLE SWITCHES:

Dual Float

DFC1

DFC1.5

DFC2

DVSA-DF

Vertical Float

VS

VSC1.5

VSC2

DVSA-VS

Tether Float

TS

TSC1.5

TSC2

**Based on an average sump pump run time of five minutes per hour for one year. The estimated average of a 1/3 HP shaded pole motor is 9.5 Amps. Average electric cost per-kilowatt-hour is \$0.12*

Pump Size

Pump Size ▼



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Specifications

	<u>S2033</u>	<u>S2050</u>
Motor - HP	1/3 HP	1/2 HP
Flow @ 10 ft. GPH (3 M.)	3,200 GPH	3,840 GPH
Flow @ 10 ft. GPM (3 M.)	53.33 GPM	64 GPM
Max. Head	23' / 7 m	32' / 9.8 m
Pump Discharge	1.5" 3.8 cm	1.5" 3.8 cm
Amps. @ 10 Ft. Total Head	5.0 Amps	5.5 Amps
Weight	21.1 lbs. / 9.6 kg	22.1 lbs. / 10 kg
Width	9" / 22.9 cm	9" / 22.9 cm
Depth	6.5" / 16.5 cm	6.5" / 16.5 cm
Height	11.75" / 29.8 cm	11.75" / 29.8 cm

Mix and Match

We want to provide our customers every option possible, so we've come up with two ways to order. You can order using our "Mix and Match" method or select a pre-packaged pump with a switch included. This allows you the ability to have not only the quality pump you need but, the features and technology you want to go with it.

Option 1: Mix and Match – Order a pump and a switch as separate items

- The pumps and switches are purchased as separate items, then combine to complete the system to meets your wants and needs
- Best way to allow for many options
 - Select a pump, based on capacity, warranty or build materials
 - Example: the S3033-NS, a 5 year warranty, high capacity pump with No Switch
 - Then, select a switch to pair with it based on the features

- Example: the DFC2, a Dual Float Switch with Deluxe Controller that has lights, alarms and when paired with a PS-WiFi can send text, email or in-app alerts

Option 2: Pre-Packaged System – Order the pump and switch together in one box

- Order any pump with the switch already packaged in a single carton, ready for delivery
 - Example: The S2033-VSC2, is a 4 year warranty, all cast iron pump and Vertical Switch with Deluxe Controller that has lights, alarms and when paired with a PS-WiFi can send text, email or in-app alerts

Models Available

Switch Options	<u>S2033</u> 1/3 HP Pump	<u>S2050</u> 1/2 HP Pump
NS Pump, with no Switch	S2033-NS	S2050-NS
DFC1 Dual float switch with standard controller	S2033-DFC1	S2050-DFC1
DFC1.5 Dual float switch with enhanced controller	S2033-DFC1.5	S2050-DFC1.5
DFC2 Dual float switch with deluxe controller	S2033-DFC2	S2050-DFC2
VS Vertical switch	S2033-VS	S2050-VS
VSC1.5 Vertical switch with enhanced controller	S2033-VSC1.5	S2050-VSC1.5
VSC2 Vertical switch with deluxe controller	S2033-VSC2	S2050-VSC2

TS Tether switch	S2033-TS	S2050-TS
TSC1.5 Tether switch with enhanced controller	S2033-TSC1.5	S2050-TSC1.5
TSC1.5 Tether switch with enhanced controller	S2033-TSC2	S2050-TSC2

Switch and Controller Comparison

Features	Standard Controller or Switch Only DFC1 / VS / TS	Enhanced Controller DFC1.5 / VSC1.5 / TSC1.5	Deluxe Controller DFC2 / VSC2 / TSC2
Includes Dual Float Switch	●	●	●
Includes Vertical Switch	● (Switch only)	●	●
Includes Tether Switch	● (Switch only)	●	●
Sounds an alarm and alerts when:			
AC power has failed			●
Pump or float problem is detected			●
9V battery is low or slide switch is off			●
Remote Notification Connections: (Allows for connection to external devices)			

USB Data Port (Ability to remotely notify which alert has activated or what maintenance might be needed)			●
Remote Terminal (Ability to remotely notify of a problem or needed maintenance)			●
Float switch can be unplugged from controller for easy installation		●	●
System operating light (flashes)		●	●
Adjustable run time from 5-45 seconds after the water falls		●	●
Activates pump weekly to exercise and extend pump life		●	●
Universal controller mounting tabs		●	●
2' power cord		●	
4' power cord			●
10' float switch cord	●	●	●
Piggy-back plug	●	●	●

All switches include manual and stainless steel hose clamp

Construction

Pump Diagram



Pump Components

1. Permanent split capacitor (PSC) motor increases energy efficiency
2. Cast iron housing
3. Removable polycarbonate strainer
4. Stainless steel fasteners won't rust
5. Upper and lower sealed ball bearings
6. Water cooled
7. Carbon ceramic shaft seals plus (1) Buna-N seal
8. 1-1/2" outlet
9. Polycarbonate impeller

Related Products



S3 Series



**Pro Series
2400**



**Deluxe
Controller**



**Pro Series
CONNECT
WiFi**

Module

U.S. CATALOG

BROCHURES

CANADIAN CATALOG